

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2004/000907

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61B 5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC, BIOSIS, MEDLINE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	BIO-PHOTONICS '03: Program, Book of abstracts. Graduate summer school, Ven, Sweden, 15-21 June 2003, see page 16, Apendix	1-14
X	US 5673692 A (SCHULZE, A.E. ET AL), 7 October 1997 (07.10.1997), column 3, line 60 - column 4, line 60, figures 1-12	1,4-8,10, 12-14
A		2,3,9,11

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
27 Sept 2004

Date of mailing of the international search report  
28-09-2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5115133 A (KNUDSON, M.B.), 19 May 1992 (19.05.1992), column 3, line 30 - column 6, line 11, figure 1	1,4-8,10,12, 14
A	--	2,3,9,11
P,A	US 6631288 B1 (BAIN, D. ET AL), 7 October 2003 (07.10.2003), see the whole document	1-8,10,12-14
A	US 6450970 B1 (MAHLER, R. ET AL), 17 Sept 2002 (17.09.2002), column 2, line 50 - column 4, line 55, figures 1-10	1-8,10,12-14
A	US 6069689 A (ZENG, H. ET AL), 30 May 2000 (30.05.2000), "Summary of the invention"	1-8,10,12-14
A	US 5847832 A (LISKOW, D.H.S. ET AL), 8 December 1998 (08.12.1998), column 6, line 54 - column 8, line 8, figures 1-4, abstract	1,9,11
A	US 5699809 A (COMBS, J.T. ET AL), 23 December 1997 (23.12.1997), figures 1-20, abstract	1,9,11
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## Box No. II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☒ Claims Nos.: **15-16**  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:  
  
**see next page**
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
  
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

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Claim 15 is so unclear that a meaningful search can not be carried out. Claim 14 and 16 are of two different categories – claim 14 describes a device while claim 16, which depends on claim 14, describes a method. Therefore, no meaningful search can be carried out for claim 16.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

03/09/2004

International application No.

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US	5673692	A	07/10/1997	NONE		
US	5115133	A	19/05/1992	AU	7789391 A	11/11/1991
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				US	6008889 A	28/12/1999
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US	5847832	A	08/12/1998	NONE		
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